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APPLICATION NUMBER	:	09341350
APPLICANT	:	TOSHIBA TEC CORP;
INVENTOR	:	HAKETA TAKUYA;
INT.CL.	:	G06T 7/00
TITLE	:	PERSON ATTRIBUTE IDENTIFYING DEVICE

部分空間生成部 ～4
判定用記憶部 ～3
入力→ 類似度判定部 →1 →出力
属性記憶部 ～2
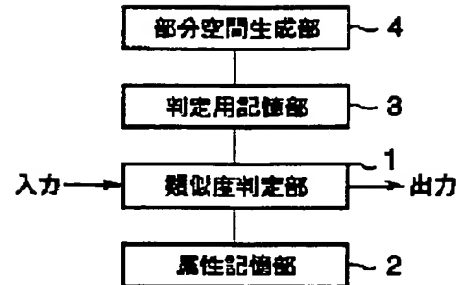
ABSTRACT : PROBLEM TO BE SOLVED: To accurately identify sex or an age group or the like from an unknown facial picture by developing a picture set preliminarily grouped for every attribute or a partial space and judging similarities between an unknown input facial picture vector and each or the partial space.

SOLUTION: An attribute storing part 2 groups lots of facial pictures for learning for every attribute such as sex and an age group and stores the grouped attribute data by making the data correspond to each group. On the other hand, a partial space generating part 4 develops the set of facial picture vectors for learning grouped for every attribute to a partial space peculiar to the group and generates a peculiar vector for every group. A storage part 3 for judgment stores the generated peculiar vector for every group as data for judging the input facial picture. A similarity judging part 1 judges similarities between an unknown input facial picture and each group by referring to the data of the storage part 3 for judgment and identifies the attribute of the input picture from the judged group and the attribute data of the attribute storing part 2.

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